

WEST**End of Result Set**

Generate Collection

L4: Entry 6 of 6

File: DWPI

Oct 19, 2000

DERWENT-ACC-NO: 1997-145240

DERWENT-WEEK: 200057

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TITLE: New allyl penta:saccharide and oligosaccharide ceramide derivs. and glyco-conjugate(s) - useful as vaccines for inducing antibodies to epithelial, colon or ovarian cancer cells and preventing recurrence

INVENTOR: BEHAR, V; DANISHEFSKY, S J ; LLOYD, K O

PRIORITY-DATA: 1995US-0506251 (July 24, 1995)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|--------------------|----------|-------|------------|
| AU 725715 B | October 19, 2000 | N/A | 000 | C07H015/24 |
| WO 9703995 A1 | February 6, 1997 | E | 187 | C07H015/24 |
| AU 9665941 A | February 18, 1997 | N/A | 000 | C07H015/24 |
| EP 854878 A1 | July 29, 1998 | E | 000 | C07H015/24 |
| JP 11510490 W | September 14, 1999 | N/A | 163 | C07H015/10 |

INT-CL (IPC): A61K 31/00; A61K 31/70; A61K 35/16; A61K 39/00; A61K 39/39; A61K 39/395; A61K 39/40; C07H 15/00; C07H 15/10; C07H 15/24

ABSTRACTED-PUB-NO: WO 9703995A

BASIC-ABSTRACT:

Saccharide derivs. of formula (I) and ceramide derivs. of formula (IV) are new: Q = a gp. of formula (i); Y = OH; n = 0-4; R = H, opt. substd. alkyl, aryl, allyl, an amino acyl moiety, an amino acyl residue of a peptide or an amino acyl residue of a protein, where the amino acyl moiety or residue bears an omega -amino gp. or an omega -(C=O) gp., which is linked to O via a polymethylene chain -(CH₂)_r-; or a gp. of formula (ii): r = 1-9; k, m, n = 0-3. Also claimed are e.g. methods of inducing antibodies to epithelial, colon or ovarian tumour cells, and preventing recurrence of epithelial, colon or ovarian cancer, by vaccinating the subject with a cpd. contg. an Ley tetrasaccharide determinant of gp. (i).

USE - (I) and related oligosaccharide ceramides and glycoconjugates are useful as antigens for inducing antibodies as above, and can be used when the subject is in clinical remission

or, where the subject has been treated by surgery, has limited unresected disease. The cpds. can be bound to a suitable carrier protein, e.g. bovine serum albumin, polylysine or KLH and is administered with an adjuvant, pref. bacteria or liposomes, partic. Salmonella minnesota cells, bacille Calmette-Guerin or QS21. (I) can also be used to treat disorders caused by Helicobacter pylori and gastric or duodenal ulcers.

ABSTRACTED-PUB-NO: WO 9703995A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/34

WEST

Generate Collection

L4: Entry 1 of 6

File: JPAB

Jan 19, 1999

PUB-NO: JP411012172A

DOCUMENT-IDENTIFIER: JP 11012172 A

TITLE: HELICOBACTER PYLORI INHIBITOR

PUBN-DATE: January 19, 1999

INVENTOR-INFORMATION:

NAME

COUNTRY

ISHIKAWA, FUMIYASU

NAGAOKA, MASATO

MATSUBARA, TOMOHITO

INT-CL (IPC): A61K 31/35; A23L 1/30; A61K 31/70; A23C 11/10; A61K 35/78; C07D 311/36; C07H 17/065

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain the subject inhibitor having excellent antibacterial activity against Helicobacter pylori, also high in safety by using, as active ingredient, a specific compound afforded by soybean or processed products thereof.

SOLUTION: This Helicobacter pylori inhibitor contains, as active ingredient, an isoflavone or saponin. The isoflavone may be either of glycoside type or hydrolyzed aglycone portion, for example, daidzin, daidzein, genistin; while the saponin may be either of glycoside type or sapogenin as an aglycone. For the isoflavone or saponin, a combination of one or more kinds thereof can be used. Because these active ingredients are rich in soybean or processed products thereof, these foods can be used directly. The daily effective amount of this inhibitor is 0.01-100 mg per adult in terms of the isoflavone or saponin.

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L4: Entry 2 of 6

File: JPAB

Mar 17, 1998

PUB-NO: JP410072488A

DOCUMENT-IDENTIFIER: JP 10072488 A

TITLE: ANTI-HELICOBACTER PYLORI AGENT

PUBN-DATE: March 17, 1998

INVENTOR-INFORMATION:

NAME

COUNTRY

TSUJI, TOMOKO

YADA, YOSHIAKI

YAMAZAKI, KAZUO

KASAI, RYOJI

OTANI, KAZUHIRO

INT-CL (IPC): C07J 63/00; A61K 31/705; A61K 31/705; C07J 71/00

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain the subject agent useful as a preventing agent for gastric ulcer, duodenum ulcer, etc., a treating agent for these peptic ulcers or a preventing agent for their relapse by using a saponin having a specific structure as an active ingredient.

SOLUTION: This anti-Helicobacter pylori agent as a specific antibacterial agent against Helicobacter pylori, not showing any antibacterial effect on other microorganisms, and useful for the treatment and the prevention of a peptic ulcer or as a preventing agent for relapse thereof, is obtained by mixing a saponin expressed by formula I [R1 is a sugar residue; R2 is H or OH; R3 is H or a sugar residue; R4 is groups of formula II (R5 is H or a sugar residue; R6 is H or OH) or formula III (R7, R8 are each H or OH provided that R7 and R8 are not simultaneously OH); when R1 and R5 are sugar residues, each of the sugar residues may bind through 3-hydroxymethyl-3-methyl-1,5-pentadioyl group] with a medicinal carrier and forming a preparation.

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L4: Entry 3 of 6

File: DWPI

Jan 19, 1999

DERWENT-ACC-NO: 1999-148469

DERWENT-WEEK: 199916

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TITLE: Helicobacter pylori inhibitor for treating stomach cancer,
etc. - contains isoflavone or saponin

PRIORITY-DATA: 1997JP-0160947 (June 18, 1997)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|------------------|----------|-------|------------|
| JP 11012172 A | January 19, 1999 | N/A | 004 | A61K031/35 |

INT-CL (IPC): A23C 11/10; A23L 1/30; A61K 31/35; A61K 31/70; A61K
35/78; C07D 311/36; C07H 17/065

ABSTRACTED-PUB-NO: JP11012172A

BASIC-ABSTRACT:

Helicobacter pylori inhibitor contains isoflavone or saponin.

The isoflavone is preferably daidzin, daidzein, genistin or genistein. The active ingredient is soybean containing isoflavone or saponin or their processed material and the processed soybean is soybean extract, powdered soybean, soybean milk or fermented soybean milk.

USE - The Helicobacter pylori inhibitor inhibits Helicobacter pylori which causes gastritis, stomach cancer or gastric or duodenal ulcers.

ADVANTAGE - The Helicobacter pylori inhibitor has potent antibacterial activity and high safety.

ABSTRACTED-PUB-NO: JP11012172A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

WEST

Generate Collection

L4: Entry 4 of 6

File: DWPI

Jul 4, 2000

DERWENT-ACC-NO: 1999-009388

DERWENT-WEEK: 200040

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TITLE: Helicobacter-derived immunogen for use as vaccine -
containing extract of Quillaja saponaria, cationic lipid and/or
glyco-lipo-peptide as adjuvant

INVENTOR: GUY, B; HAENSLER, J

PRIORITY-DATA: 1997FR-0015732 (December 8, 1997), 1997FR-0005608
(April 30, 1997)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|-------------|
| BR 9809381 A | July 4, 2000 | N/A | 000 | A61K039/106 |
| WO 9848836 A1 | November 5, 1998 | F | 055 | A61K039/106 |
| FR 2762787 A1 | November 6, 1998 | N/A | 000 | A61K039/39 |
| AU 9876584 A | November 24, 1998 | N/A | 000 | A61K039/106 |
| EP 979100 A1 | February 16, 2000 | F | 000 | A61K039/106 |

INT-CL (IPC): A61K 39/02; A61K 39/106; A61K 39/39; A61K 39/02;
A61K 47/26; A61K 47/42

ABSTRACTED-PUB-NO: WO 9848836A

BASIC-ABSTRACT:

A composition (I) comprises: (A) an immunogenic agent derived from Helicobacter; and (B) at least one adjuvant chosen from (i) purified saponins from an extract of Quillaja saponaria; (ii) cationic lipids (or their salts) which are weak inhibitors of protein kinase C and have a structure including a lipophilic group derived from cholesterol, a carboxamide or carbamoyl linking group, a spacer arm consisting of a 1-20C alkyl chain and a cationic amine group (primary, secondary, tertiary or quaternary), provided that the lipids are not present in the form of liposomes when (I) contains neither (i) nor (ii); and (iii) glyco-lipo-peptides of formula (II). R1 = 1-50C alkyl (optionally unsaturated); X = -CH2-, -O- or -NH-; R2 = H or as R1; R3-R5 = H or acyl-CO-R6; R6 = 1-10C alkyl; R7 = H, 1-7C alkyl, hydroxymethyl, 1-hydroxyethyl, mercaptomethyl, 2-(methylthio)-ethyl, 3-aminopropyl, 3-ureido-propyl, 3-guanidylpropyl, 4-aminobutyl, carboxymethyl, carbamoylmethyl, 2-carboxyethyl, 2-carbamoylethyl, benzyl, 4-hydroxybenzyl, 3-indolylmethyl or 4-imidazolylmethyl; R8 = H or methyl; R9 = H,

acetyl, benzoyl, trichloroacetyl, trifluoroacetyl,
methoxycarbonyl, t-butoxycarbonyl or benzyloxycarbonyl; or R7 + R8
= -(CH₂)₃- .

USE - (I) is useful as a vaccine for the treatment or prevention of Helicobacter infections, e.g. H. pylori infections in humans (associated with gastric and duodenal ulcers, gastritis and gastric carcinoma). (I) induces an immune response of the T-helper 1 type (Th 1) against Helicobacter (claimed).

ADVANTAGE - (I) gives a strong Th 1 response on systemic administration and a degree of protection at least equivalent to that obtained using the mucosal route and a bacterial toxin adjuvant. Specifically the Th 1 immune response measured in the mouse gives IgG2a:IgG1 and IgG2a:IgA ELISA titre ratios of at least 1:100, preferably at least 1:2 (claimed).

ABSTRACTED-PUB-NO: WO 9848836A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/8

WEST

Generate Collection

L4: Entry 5 of 6

File: DWPI

Mar 17, 1998

DERWENT-ACC-NO: 1998-234761

DERWENT-WEEK: 199821

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TITLE: Use of saponin compound to treat Helicobacter pylori - and to treat and prevent duodenal ulcer, gastric ulcer and chronic gastritis

PRIORITY-DATA: 1996JP-0165952 (June 26, 1996)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|----------------|----------|-------|------------|
| JP 10072488 A | March 17, 1998 | N/A | 008 | C07J063/00 |

INT-CL (IPC): A61K 31/705; C07J 63/00; C07J 71/00

ABSTRACTED-PUB-NO: JP10072488A

BASIC-ABSTRACT:

Use of saponin compound of formula (I) to treat helicobacter pylori. R1 = sugar residue; R2 = H or OH; R3 = CH3 or OHCH2; R4 = group of formula (a) or (b). R5 = H or sugar residue; R6 = R2; and R7, R8 = R2; provided both R7 and R8 are not OH; and when R1 and R5 are both sugar residues, they may bond together via 3-hydroxymethyl-3-methyl-1,5-pentanedioyl. Also claimed are new gomphrenosides of formula (II). GlcA = glucuronic acid residue; Rha = rhamnose residue; and Xyl = xylose residue.

USE - (I) is used to prevent or treat duodenal ulcer, gastric ulcer and chronic gastritis.

ADVANTAGE - (I) has selective antimicrobial activity to Helicobacter pylori without side-effects in long term use.

ABSTRACTED-PUB-NO: JP10072488A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 15 of 15 returned.**☐ 1. Document ID: US 6130059 A

L6: Entry 1 of 15

File: USPT

Oct 10, 2000

US-PAT-NO: 6130059

DOCUMENT-IDENTIFIER: US 6130059 A

TITLE: Helicobacter pylori proteins useful for vaccines and diagnostics

DATE-ISSUED: October 10, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP | CODE | COUNTRY |
|-----------------------|-------------------------|-------|-----|------|---------|
| Covacci; Antonello | 53100, Siena | N/A | N/A | | ITX |
| Bugnoli; Massimo | 53035, Monteriggioni | N/A | N/A | | ITX |
| Telford; John | 53010, Monteriggioni | N/A | N/A | | ITX |
| Macchia; Giovanni | 67051 Avezzano (AQ) | N/A | N/A | | ITX |
| Rappuoli; Rino | 53010 Quercegrossa (SI) | N/A | N/A | | ITX |

US-CL-CURRENT: 435/69.1; 424/184.1, 424/190.1, 424/197.11,
424/236.1, 435/252.3, 435/320.1, 435/91.2, 435/975, 436/538,
514/44, 530/350, 536/23.7, 536/24.3, 536/24.32, 536/24.33

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draws | Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|------|-------|

☐ 2. Document ID: US 6090611 A

L6: Entry 2 of 15

File: USPT

Jul 18, 2000

US-PAT-NO: 6090611

DOCUMENT-IDENTIFIER: US 6090611 A

TITLE: Helicobacter pylori proteins useful for vaccines and diagnostics

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|---------------|-------|----------|---------|
| Covacci; Antonello | Siena | N/A | N/A | ITX |
| Bugnoli; Massimo | Monteriggioni | N/A | N/A | ITX |
| Telford; John | Monteriggioni | N/A | N/A | ITX |
| Macchia; Giovanni | Avezzano | N/A | N/A | ITX |
| Rappuoli; Rino | Quercegrossa | N/A | N/A | ITX |

US-CL-CURRENT: 435/252.3; 424/184.1, 424/185.1, 424/190.1,
424/197.11, 424/234.1, 424/236.1, 435/243, 435/320.1, 435/325 ,
435/6, 435/69.1, 435/69.3, 435/7.1, 435/71.3, 435/91.2, 435/91.4,
435/975, 514/44, 530/350, 536/23.1, 536/23.7

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
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☐ 3. Document ID: US 6077706 A

L6: Entry 3 of 15

File: USPT

Jun 20, 2000

US-PAT-NO: 6077706

DOCUMENT-IDENTIFIER: US 6077706 A

TITLE: Helicobacter pylori proteins useful for vaccines and diagnostics

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|---------------|-------|----------|---------|
| Covacci; Antonello | Siena | N/A | N/A | ITX |
| Bugnoli; Massimo | Monteriggioni | N/A | N/A | ITX |
| Telford; John | Monteriggioni | N/A | N/A | ITX |
| Macchia; Giovanni | Avezzano | N/A | N/A | ITX |
| Rappuoli; Rino | Quercegrossa | N/A | N/A | ITX |

US-CL-CURRENT: 435/325; 424/190.1, 424/197.11, 435/320.1, 435/6,
435/69.3, 435/70.1, 435/71.1, 435/71.2, 435/91.2, 514/44,
530/350, 536/23.7

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
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☐ 4. Document ID: US 5985243 A

L6: Entry 4 of 15 File: USPT Nov 16, 1999

US-PAT-NO: 5985243

DOCUMENT-IDENTIFIER: US 5985243 A

TITLE: Mouse model for Helicobacter pylori infection

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------|-------|-------|----------|---------|
| Ghiara; Paolo | Siena | N/A | N/A | ITX |

US-CL-CURRENT: 424/9.2; 800/9

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|

☐ 5. Document ID: US 5985631 A

L6: Entry 5 of 15 File: USPT Nov 16, 1999

US-PAT-NO: 5985631

DOCUMENT-IDENTIFIER: US 5985631 A

TITLE: Method for preventing the activation of inactive, recombinant Helicobacter pylori apourease

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------------|------------|-------|----------|---------|
| Soman; Gopalan | Belmont | MA | N/A | N/A |
| Thomas, Jr.; William D. | Somerville | MA | N/A | N/A |
| Monath; Thomas P. | Harvard | MA | N/A | N/A |

US-CL-CURRENT: 435/184; 435/188, 435/228, 514/2, 530/404, 530/405

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
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☐ 6. Document ID: US 5928865 A

L6: Entry 6 of 15 File: USPT Jul 27, 1999

US-PAT-NO: 5928865

DOCUMENT-IDENTIFIER: US 5928865 A

TITLE: Compositions comprising isolated Helicobacter pylori CagI polynucleotides and method of preparation thereof

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-------|-------|----------|---------|
| Covacci; Antonello | Siena | N/A | N/A | ITX |

US-CL-CURRENT: 435/6; 435/7.32, 536/23.1

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|

☐ 7. Document ID: US 5843460 A

L6: Entry 7 of 15

File: USPT

Dec 1, 1998

US-PAT-NO: 5843460

DOCUMENT-IDENTIFIER: US 5843460 A

TITLE: Immunogenic compositions against helicobacter infection, polypeptides for use in the compositions, and nucleic acid sequences encoding said polypeptides

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|----------------|-------|----------|---------|
| Labigne; Agnes | Bures S/Yvette | N/A | N/A | FRX |
| Suerbaum; Sebastin | Bochum | N/A | N/A | DEX |
| Ferrero; Richard L. | Paris | N/A | N/A | FRX |
| Thiberge; Jean-Michel | Plaisir | N/A | N/A | FRX |

US-CL-CURRENT: 424/234.1; 435/6, 435/7.32, 435/7.9, 514/234.5, 514/41

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|

☐ 8. Document ID: US 5543505 A

L6: Entry 8 of 15

File: USPT

Aug 6, 1996

US-PAT-NO: 5543505

DOCUMENT-IDENTIFIER: US 5543505 A

TITLE: Synthetic compounds which bind to H. pylori, and uses thereof

DATE-ISSUED: August 6, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|-----------|-------|----------|---------|
| Danishefsky; Samuel J. | New Haven | CT | N/A | N/A |
| Randolph; John T. | New York | NY | N/A | N/A |

US-CL-CURRENT: 536/17.2; 530/300, 530/322, 530/350, 530/363,
536/123.1, 536/17.5, 536/17.9, 536/18.2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draws | Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|------|-------|

☐ 9. Document ID: US 5543505 A

L6: Entry 9 of 15

File: EPAB

Aug 6, 1996

PUB-NO: US005543505A

DOCUMENT-IDENTIFIER: US 5543505 A

TITLE: Synthetic compounds which bind to H. pylori, and uses thereof

PUBN-DATE: August 6, 1996

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|-----------------------|---------|
| DANISHEFSKY, SAMUEL J | US |
| RANDOLPH, JOHN T | US |

INT-CL (IPC): C07H 15/00; C07H 15/06; C07H 17/00; C07K 1/00

EUR-CL (EPC): C07H003/06; C07H017/04, C07K009/00 , C07K014/765

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draws | Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|------|-------|

☐ 10. Document ID: EP 1021555 A1, WO 9913097 A1, AU 9892292 A, US 5985631 A

L6: Entry 10 of 15

File: DWPI

Jul 26, 2000

DERWENT-ACC-NO: 1999-229249
DERWENT-WEEK: 200037
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TITLE: New Helicobacter urease polypeptide

INVENTOR: MONATH, T P; SOMAN, G ; THOMAS, W D

PRIORITY-DATA: 1997US-0928081 (September 12, 1997)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|------------|
| EP 1021555 A1 | July 26, 2000 | E | 000 | C12P021/06 |
| WO 9913097 A1 | March 18, 1999 | E | 100 | C12P021/06 |
| AU 9892292 A | March 29, 1999 | N/A | 000 | C12P021/06 |
| US 5985631 A | November 16, 1999 | N/A | 000 | C12N009/99 |

INT-CL (IPC): A01N 37/18; C07K 1/00; C12N 9/78; C12N 9/80; C12N 9/96; C12N 9/99; C12P 21/06

| | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|------------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Drawl Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|------------|-------|

☐ 11. Document ID: AU 725715 B, WO 9703995 A1, AU 9665941 A, EP 854878 A1, JP 11510490 W

L6: Entry 11 of 15

File: DWPI

Oct 19, 2000

DERWENT-ACC-NO: 1997-145240
DERWENT-WEEK: 200057
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TITLE: New allyl penta:saccharide and oligosaccharide ceramide
derivs. and glyco-conjugate(s) - useful as vaccines for inducing
antibodies to epithelial, colon or ovarian cancer cells and
preventing recurrence

INVENTOR: BEHAR, V; DANISHEFSKY, S J ; LLOYD, K O

PRIORITY-DATA: 1995US-0506251 (July 24, 1995)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|--------------------|----------|-------|------------|
| AU 725715 B | October 19, 2000 | N/A | 000 | C07H015/24 |
| WO 9703995 A1 | February 6, 1997 | E | 187 | C07H015/24 |
| AU 9665941 A | February 18, 1997 | N/A | 000 | C07H015/24 |
| EP 854878 A1 | July 29, 1998 | E | 000 | C07H015/24 |
| JP 11510490 W | September 14, 1999 | N/A | 163 | C07H015/10 |

INT-CL (IPC): A61K 31/00; A61K 31/70; A61K 35/16; A61K 39/00;
A61K 39/39; A61K 39/395; A61K 39/40; C07H 15/00; C07H 15/10; C07H
15/24

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Clip Img | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|----------|-------|

☐ 12. Document ID: US 5985243 A, WO 9609757 A1, AU 9531897 A

L6: Entry 12 of 15

File: DWPI

Nov 16, 1999

DERWENT-ACC-NO: 1996-200651
DERWENT-WEEK: 200001
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TITLE: Infecting euthymic mouse with human isolate of
Helicobacter pylori - comprises isolating H. pylori from human
patient and administering dose of fresh isolate to euthymic mouse

INVENTOR: GHIARA, P

PRIORITY-DATA: 1995GB-0006251 (March 28, 1995), 1994GB-0019661
(September 28, 1994)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|-------------|
| US 5985243 A | November 16, 1999 | N/A | 000 | A61K049/00 |
| WO 9609757 A1 | April 4, 1996 | E | 025 | A01K067/027 |
| AU 9531897 A | April 19, 1996 | N/A | 000 | A01K067/027 |

INT-CL (IPC): A01K 67/027; A61K 49/00; C12N 1/20; C12N 5/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw Desc | Image |
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☐ 13. Document ID: WO 9525113 A1, AU 9521005 A, US 5543505 A

L6: Entry 13 of 15

File: DWPI

Sep 21, 1995

DERWENT-ACC-NO: 1995-336934
DERWENT-WEEK: 199748
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TITLE: New oligo-saccharide cpds., including protein bonded
derivs. - used for inhibiting bonding of Helicobacter pylori to
gastric epithelium, e.g. in treating gastric ulcers or
adenocarcinoma

INVENTOR: DANISHEFSKY, S J; RANDOLPH, J T

PRIORITY-DATA: 1994US-0213053 (March 15, 1994)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|--------------------|----------|-------|------------|
| WO 9525113 A1 | September 21, 1995 | E | 066 | C07H005/02 |
| AU 9521005 A | October 3, 1995 | N/A | 000 | C07H005/02 |
| US 5543505 A | August 6, 1996 | N/A | 024 | C07H015/00 |

INT-CL (IPC): A61K 31/715; A61K 31/72; C07H 5/02; C07H 15/00;
C07H 15/02; C07H 15/06; C07H 15/20; C07H 17/00; C07K 1/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Clip Img | Image |
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☐ 14. Document ID: WO 9426901 A1, AU 9469290 A, EP 703981 A1, JP 08510120 W, AU 689779 B, AU 9875081 A, SG 52480 A1, US 5843460 A, AU 724584 B

L6: Entry 14 of 15

File: DWPI

Nov 24, 1994

DERWENT-ACC-NO: 1995-006797

DERWENT-WEEK: 200056

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TITLE: DNA from Helicobacter pylori and Helicobacter felis - used to develop prods. for detection, treatment and prevention of Helicobacter infection

INVENTOR: FERRERO, R; LABIGNE, A ; SUERBAUM, S ; THIBERGE, J ; FERRERO, R L

PRIORITY-DATA: 1993WO-EP03259 (November 19, 1993), 1993EP-0401309 (May 19, 1993)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|--------------------|----------|-------|-------------|
| WO 9426901 A1 | November 24, 1994 | E | 168 | C12N015/31 |
| AU 9469290 A | December 12, 1994 | N/A | 000 | C12N015/31 |
| EP 703981 A1 | April 3, 1996 | E | 000 | C12N015/31 |
| JP 08510120 W | October 29, 1996 | N/A | 154 | C12N015/09 |
| AU 689779 B | April 9, 1998 | N/A | 000 | C12N015/31 |
| AU 9875081 A | October 1, 1998 | N/A | 000 | A61K039/106 |
| SG 52480 A1 | September 28, 1998 | N/A | 000 | C12N015/31 |
| US 5843460 A | December 1, 1998 | N/A | 000 | A61K039/02 |
| AU 724584 B | September 28, 2000 | N/A | 000 | A61K039/106 |

INT-CL (IPC): A61K 39/02; A61K 39/106; A61K 39/395; C07H 21/04; C07K 14/195; C12N 1/21; C12N 9/80; C12N 15/09; C12N 15/31; C12P 21/02; C12P 21/08; C12Q 1/68; G01N 33/569; G01N 33/574; G01N 33/577

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Image |
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☐ 15. Document ID: JP 2000350591 A, WO 9318150 A1, AU 9336300 A, EP 643770 A1, JP 07504565 W, IT 1262895 B, SG 48353 A1, US 5928865 A, EP 967279 A1, US 6077706 A, US 6090611 A, US 6130059 A, JP 2000333686 A

L6: Entry 15 of 15

File: DWPI

Dec 19, 2000

DERWENT-ACC-NO: 1993-303464
 DERWENT-WEEK: 200104
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TITLE: Recombinant Helicobacter pylori protein and corresp. gene
 - is a cytotoxin, antigen or heat shock protein used for treating
 and preventing type B gastritis, gastric ulcers and gastric
 tumours

INVENTOR: BUGNOLI, M; COVACCI, A ; MACCHIA, G ; RAPPUOLI, R ;
 TELFORD, J

PRIORITY-DATA: 1993WO-EP00158 (January 25, 1993), 1992IT-FI00052
 (March 2, 1992)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|--------------------|----------|-------|-------------|
| JP 2000350591 A | December 19, 2000 | N/A | 051 | C12N015/09 |
| WO 9318150 A1 | September 16, 1993 | E | 083 | C12N015/31 |
| AU 9336300 A | October 5, 1993 | N/A | 000 | C12N015/31 |
| EP 643770 A1 | March 22, 1995 | E | 000 | N/A |
| JP 07504565 W | May 25, 1995 | N/A | 000 | C12Q001/68 |
| IT 1262895 B | July 22, 1996 | N/A | 000 | C08G000/00 |
| SG 48353 A1 | April 17, 1998 | N/A | 000 | C12N015/31 |
| US 5928865 A | July 27, 1999 | N/A | 000 | C12Q001/68 |
| EP 967279 A1 | December 29, 1999 | E | 000 | C12N015/31 |
| US 6077706 A | June 20, 2000 | N/A | 000 | A61K039/02 |
| US 6090611 A | July 18, 2000 | N/A | 000 | A61K039/106 |
| US 6130059 A | October 10, 2000 | N/A | 000 | A61K039/106 |
| JP 2000333686 A | December 5, 2000 | N/A | 042 | C12N015/09 |

INT-CL (IPC): A61K 37/54; A61K 38/00; A61K 39/02; A61K 39/106;
 A61K 39/39; A61K 48/00; A61P 1/04; A61P 31/04; A61P 35/00 ; C07H
 21/04; C07K 14/195; C07K 14/205; C08G 0/00; C12N 1/15; C12N 1/19;
 C12N 1/20; C12N 1/21; C12N 5/10; C12N 9/80; C12N 15/09; C12N
 15/31; C12N 15/62; C12P 21/02; C12Q 1/68; G01N 33/569; C12N
 15/09; C12R 1/01; C12N 1/21; C12N 15/09; C12P 21/02; C12R 1/01;
 C12R 1/19; C12R 1/19

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
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